

FIG. 1

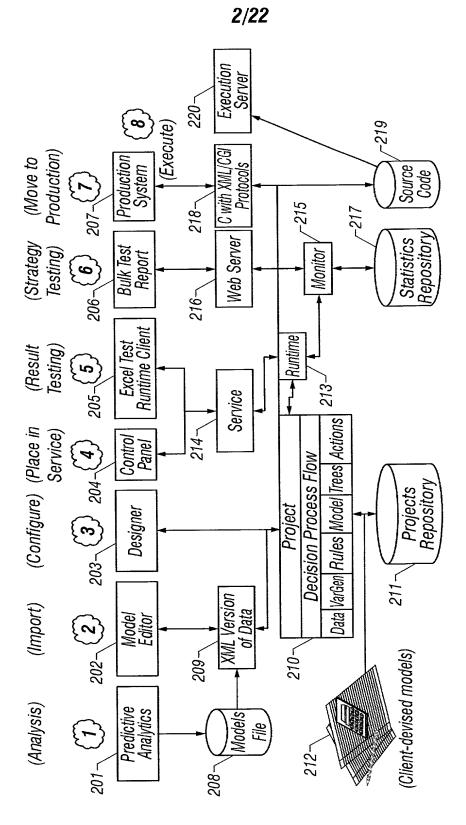


FIG. 2

Nanagement □□□×	ention of the property of the			
One-Step ScoreWare Designer - Demo - Accounts Receivable Management	Edit View Insert Iools Test Window Help	国Inventory Count-Management Workflow InfoView Inventory Count-Management Workflow Inventory Inventory	4	ermil Server MLorenatHome Checked Out

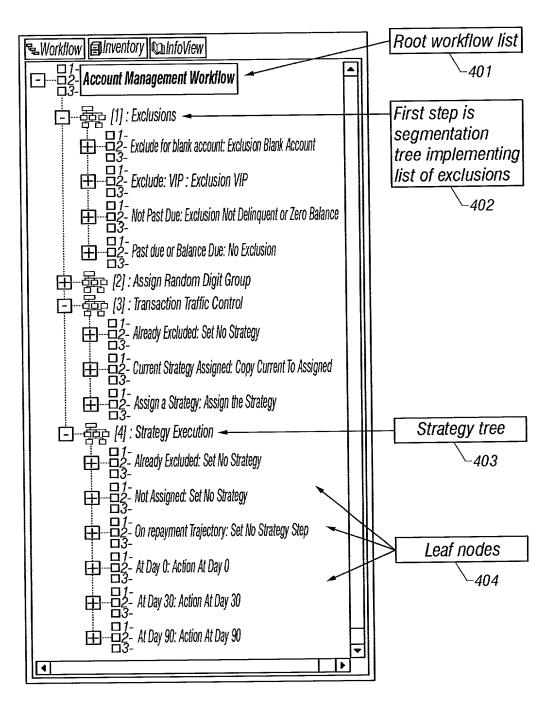
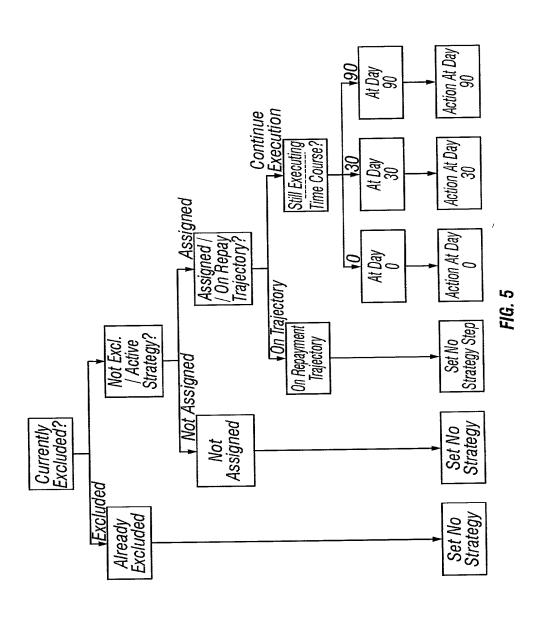


FIG. 4



3 Description ★ String "Send Normal, Firm	eld Data Expression to Assi	1		Local Field	
3 Description ★ String "Send Normal, Firm	ntegyID * Integer 200	li	Ţ,	AssignedStrategyID	1
	adrant * Integer LowRiskHighProfit	1	١,	RiskProfitQuadrant	2
	* String "Send Normal, Firm,	S	7	Description	3
4 IsChamp * Integer True	* Integer True	l	,	<i>IsChamp</i>	4
5 StepDay0 * Integer NormalBill	* Integer NormalBill	Ì	7	StepDay0	5
6 StepDay30 * Integer FirmReminderLette	* Integer FirmReminderLetter	li	Ţ	StepDay30	6
7 StepDay90 * Integer SendToCollections	* Integer SendToCollections	li	7	StepDay90	7

FIG. 6

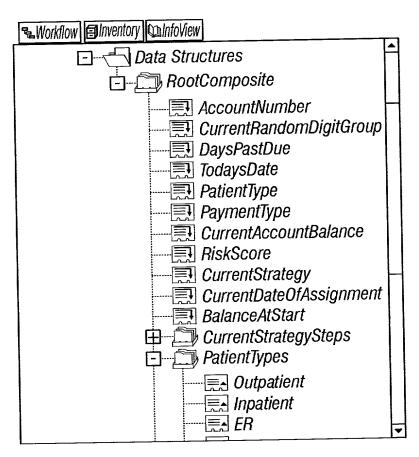


FIG. 7

□GetActionCodeAtStep (User Defined Function)	× □	
// This public functions makes the work-around (and dangerous)	gerous)	
// assumption that iTemp will equal the index (step number) into // the data segment.	er) into	
// It returns the action code associated with the step.		
// this=NoActionCode;		
ı = 0; For Each CurrentStrategySteps:		
= + ; f (i = = Temp) Then #::		
tilis =Action, Endif		<u></u>
EndFor	•	_
		1

ietActionCodeAtStep (User Defined Function)	ELISVIPACCOUNT (US	ELISVIPACCOUNT (USET DETINEU FUNC
This public functions makes the work-around (and dangerous) assumption that iTemp will equal the index (step number) into		
the data segment.	\parallel this = FALSE:	
It returns the action code associated with the step.	prefix=SubString	prefix=SubString(AccountNumber, 1, 1);
s=NoActionCode;	If $(prefix = = "9")$ Then this = TRUE;	Then E;
r Each CurrentStrategySteps:	Endlf	
If (i = = iTemp) Then this = Action:		
EndIf		
101-07		

FIG. 8A

	E□/SBalanceRepaymentUnTrajectory (User Defilled FullCtion)	
<i> </i>	The expected balance repayment trajectory is	
//	to repay from balance of B at time $=0$ to balance of	
	0 at time $=45$ days.	
<u> </u>		
<u> </u>	The trajectory is (for now) assumed to be a straightline.	
<u></u>		
th	this =FALSE;	
] 	If (BalanceAtStart > 0) Then	
	If (CurrentAccountBalance <= BalanceAtStart * (1 - DaysInStategy/RepaymentTrajectoryLength)) Then	ngth)) Then
	this = TRUE;	
	Endlf	
En	Endlf	

FIG. 8B

		_		_					10/	22	· —		_					
		Man to	Field	1 1610							Spanify	Cocces	15930113					
× G			1									Ŧ						\exists
H		-	+	[\sqcap						\dashv
		Range Score Unexp Reason Code Reason String			Multiple_Delinquencies	Multiple_DUI's	Too_Young	Multiple_Delinquencies	Multiple_DUI's	Too_Young	Multiple_Delinquencies	Multiple_DUl's		Multiple_Delinquencies				
		Reason Code			RC1	RC2	RC3	RC1	BC2	BC3	RC1	RC2		RC1	>		RC1 (1)	RC2 (2)
		Unexp										X						-5/ _X
		Score			S	<i>b</i>	0	10	6-	1-	0	0		4	0	9	<i>9</i> -	G-
		Range			"U"	"n"	"a"	" <i>q</i> "	" <i>U</i> "	$_{\parallel}\omega_{\parallel}$		خ		<i>μ</i>	<u></u>			۷.
Wi	djeH ;	Field		PatientType -									ExclusionReason					
☐ CardInstaller - Demo 1.dwi	Eile Edit View F <u>o</u> rmat Help ScoreCards:	ScoreCard	⊟c001: allgbwts - uddl	esodind ⊑	- new auto	- used auto	- unkn auto	- boat/rv/cyc/	- home/land	- misc	■ NO INFORMATION	L All Other	⊟ resid	- owns buying	- rents	⊕ misc	由NO INFORMATION	L All Other

FIG. 9A

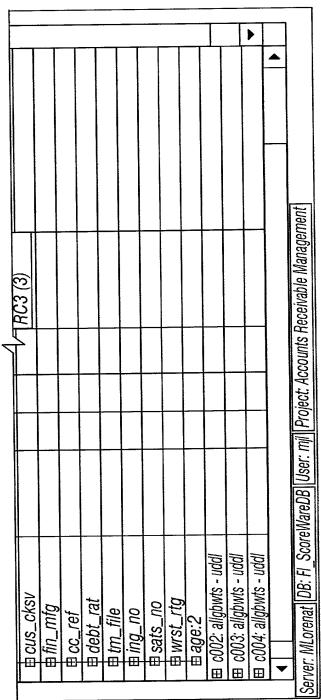


FIG. 9B

X	Aicrosoft E	xcel - Boo	k1						
<u> ■ Fi</u>	le <u>E</u> dit <u>V</u> ie	w <u>I</u> nsert <u>T</u> o	ols <u>D</u>	ata <u>V</u>	<u>V</u> indov	v <u>H</u> elp	כ		_8
		or a bear	Q	₹) + (,	¥ + [?)			X
Aria	al	- 10) -	В	<u>Ι </u>		- (3) -	A	~ >>
	Create Layo	ut 零Send.	Selecte	0			,		
	A1	J	=						
	A	В	(<u> </u>		D	E		
1									
2									H
3									
5									Ш
6									▼
াব ব	DIM She	et1 Sheet	2/Si	<u>heet3</u>	/ 4				<u> </u>
Г						NŪM			

Select a project ×
Select a project: Demo Credit Application CRM - Banking - Marketing CRM - Banking - Strategic Decisioning CRM - Banking - Product Processing Decisioning mjl - Demo Credit Application
Select

FIG. 10A

	A	В	C	D	E	F	G		Н]
4		Project:	mil	- Demo	Credit Ap	olication				
5		Layout C	reated:	2/21/9	9					
<u>6</u> 7										
8		Input L	Tata							
18		Label	Jala	1	<u>Composite</u>	Domain	Ва	se Tvi	oe	
9 10		BirthD	ate		11	nteger	In	tege	er	
111		Home	Owners	hip	li li	nteger	In	tege	er	
12 13		Month	lyHous	ıng	ļļ	nteger	ļņ	tege	er	
13		<i>YearsF</i>	lesiding nCode	7		nteger	II.	tege	er 	
1141						nteger		itege	il or	
<i>15</i>		Years(200		nteger nteger	li i Ir	itege itege	i or	
<u>16</u>		WORU	lyIncor	rie	11	negei	H.	noge	<i>)</i>	
1/2										
18 19		Fxnec	ted Da	ta						
20		Label	.ou Du		Composite	<u>Domain</u>		ase Ty		
20 21		RiskSo	core			eger		nteg		
22			ueScol	e	In	eger		nteg		
23		First0			SI	ring32	Q C	tring tring	<i>]</i>	
24 25			dOffer	2000	SI St	ring32 ring32		tring		
25		ThirdC	sionRea Offer	15011		ring32		trin		
59		Fourth	nici nΩffer		St	ring32		trin		
28		Fifth0			Ši	ring32		Strin		
29			mDigit	ļ.	İn	teger	l.	nteĝ	er	
30										
31										
32		Outpu	it Data		Composit	a Damain		ase T	ima	
33		Label	coro		Composit In	teger		nteg		
34 35		RiskS	core nueSco	re		teger		nteg		
36		First0	lacoco Iffer	, 0	Si	ring32		Strin		
37			ndOffer	•	S	trina32) (Strin		
38		Exclu	sionRe		S	tring32 tring32		Strin	ğ	
39		Third(Offer		Ş	tring32		Strin		
40			hOffer		S	tring32		Strin	g	
41		FifthC		:1		tring32		Strin	y	
42	1	Kand	omDigi	l	II	teger	,	nteg	101	
43	-									
44	J									

FIG. 10B

		 	-т														=
× 🗖 🗖		Management/Workflow Lists'	Description	This is the main workflow list of the project.						Copy the current random digit group to Assigne	Cooy all of the current strategy ID and steps to					Set not strategu	form to the
		eivable	Ver	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	5 0	0.1	0.1	0	5	5
Browser		Contents of 'Projects/Accounts Receivable Management/Workflow Lists'	Name	器. Account Management Workflow	器 Action At Day 0	器 Action At Day 30	器: Action At Day 90	器 Assian Random Group	器- Assign the Strategy	显 Conv Current Random Digit Group	E. Conv Current To Accioned	as copy canding to hooghous	B. Evolusion Mot Delinguent or Zero B	B. Evolucion I/IP	B. No Evolucion	History No Chapter	Est out No ollately
国 One-Step ScoreWare Projects & Parts Browser	File Edit View Jools Test Help	All Projects	回倒 Projects	Receivable Management		⊞ △ Data Structures	⊞ < Expression Sequences	⊞ <a> Segmentation Trees	inction Modules	⊞ < Workflow Lists	Ø	⊞ PJ CRM - Banking - Product Processing Decisioning	⊞ PJ CRM - Banking - Strategic Decisioning	□ PJ Demo (for scoring)) Credit Application	⊞ PJ Demo Credit Application	⊞ PJ Demo Credit Application (temp)	⊞ PJ Demo Interactive CRM - 1

FIG. 11/

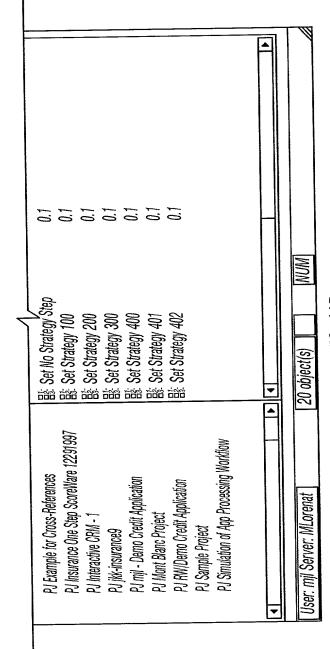


FIG. 11B

DSSYMDYM DIADEON

SYSTEM PROJECT REPORTS PAGE

PROJECT REPORT SELECTION

Input/Output Input Layout Output Layout Demo Credit Application, version 0.1

Inventory to Data Domains
Data Structures
Expression Sequences
Regmentation Trees
Workflow Lists
User Defined Functions

16/22

Integrity Integrity Review

Workflow & Workflow Outline Tree

Testing Bulk Testing

			17/22			7
Credit Transaction Authorization	Transaction Data—Account Number: $5434\ 3432\ 4489\ 4343$ Amount: 605.00 Merchant SIC: 1044	Account Data 3000 Current Credit Balance: 1603.22 Credit Limit: 1000 Current Cash Balance: 540.00 Days Past Due:	ScoreData———————————————————————————————————	☐ Send Request Error Submit Reset Batch>> —Authorization Results ✓ APPROVE	Shadow Credit Limit: 4200.00 Shadow Cash Limit: 1000.00 Exclusion Reason:	FIG. 13B
Credit Transaction Authorization	Transaction Data Account Number: $5434\ 3432\ 4489\ 4343$ Account Number: 605.00 Amount: 1044	Account Data 3000 Current Credit Balance: 1603.22 Cash Limit: 1000 Current Cash Balance: 540.00 Days Past Due: 0	-ScoreData	□Send Request <u>E</u> rror <u>Submit</u> <u>Beset</u> <u>Batch>></u> -Authorization Results	Shadow Credit Limit: Shadow Cash Limit: Exclusion Reason:	FIG. 13A

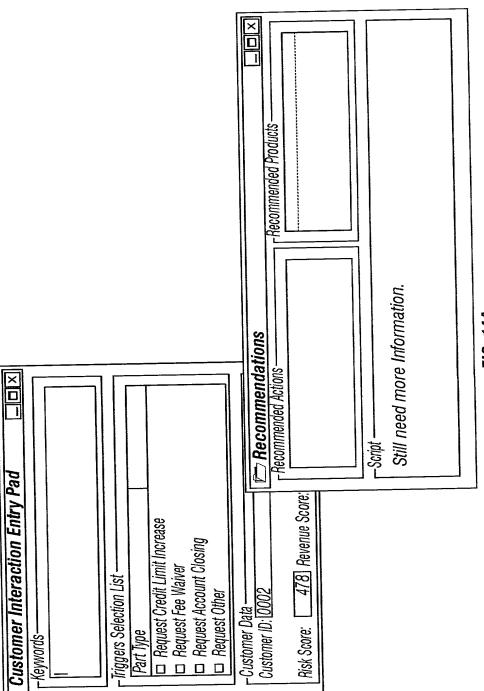


FIG. 14A

	Recommended Products————————————————————————————————————
	Recommended Actions Department Actions Script Lets make a deal.
Customer Interaction Entry Pad Keywords— Rich Fitgers Selection List— Fart Type □ Request Credit Limit Increase □ Request Account Closing □ Request Other	Customer ID: [0002] Risk Score: 478 Revenue Score:

FIG. 14B

Status	Logoff	Proje	ct List	Repor	t List	Refresh Projec	;t
Expand A	II Show	Nodes	Visio [©]	Remote	Refr	esh Stats	

Workflow Outline Tree Report

CRM Demo, version 0.1

	Other Bonne, voi ordin 6.1			
ID Ite	• • •			
1	□ ® Main Process			
2	ㅁ룖 <i>(1) : Trigger</i> s			
3	■ ■ ■ Credit Limit increase: Include			
5	⊞ № Fee Waiver: Include			
7	⊞ № Account Closing: Include			
9	⊞ № Other: Include			
11	⊞ Exclude: Exclude			
14	ㅁ 닮 (2): Segment If Included			
15	□ № Segment: Market Segment			
16	回 器 (1): Customer-based Market Segment			
17	■ ■ Hidden Vein: Roll the Dice Production			
33	■ ■ Free Nuggets: Pick em up Production			
48	⊞ № Fool's Gold: Drop em			
63	⊞ Sand Flecks: Turn em On or Drop em			
78	⊞ Not Assigned: Exclude			
81	⊞			
84	日 좖 (3) : Marketing Channel Selection			
<u> </u>				

ΤÔΡ

FIG. 15

Workflow Outline Tree Report

Demo-Accounts Receivable Management, version 0.1

	Denio-Accounts Receivable Management, Version U. I
ID Ite	· · · · · · · · · · · · · · · · · · ·
1	□
2	田 融 (1): Exclusions
11	田 碞 (2): Assign Random Digit Group
16	ㅁ됾(3): Transaction Traffic Control
17	⊞
19	■ B Current Strategy Assigned: Copy Current To Assigned
21	□ № Assign a Strategy: Assign the Strategy
22	口 碞 (1): Strategy Assignment
23	⊞ № Excluded: Set No Strategy
25	⊞ № Low \$: Set Strategy 100
27	⊞ № High \$: Set Strategy 200
29	⊞ № Low \$: Set Strategy 300
31	⊞
33	⊞ № 1st Challenger 5%: Set Strategy 401
35	
37	⊞ № Medicare: Set No Strategy
39	⊞ № Commercial: Set No Strategy
41	⊞ ■ Other: Set No Strategy
43	■ ■ Outpatient: Set No Strategy
45	⊞ № ER: Set No Strategy
47	田 账 Other: Set No Strategy
49	日 融 (4): Strategy Execution
50	⊞
52	⊞ # Not Assigned: Set No Strategy
54	⊞
56	⊞
58	田 B At Day 30: Action At Day 30
60	⊞

22/22

Status	L	Logoff Proje		ct List Report		List	Refresh Project
Expand All		Show	Nodes	Visio [®]	Remote	Refre	esh Stats

Workflow Outline Tree Report

LifetimeValueScore Initial, version 0.1

ID Ite	m
1	□® Root Result List
2	Y=S (1) : Generate Characteristics
3	日 秦 (2): ScoreSegmentation
4	⊞ № 0 : ExcludeBadAge
6	⊞
8	⊞ № >= 21 : DoScore
L	

TÔP **FIG. 17**

